

SEQUENCE LISTING

<110>Advanced Life Science Institute, Inc.

<120>HBV precore protein having particle forming ability

<130>1024582

<160>

<210>1

<211>178

<212>TRP

<213>hepatitis B virus

<220>

<223>hepatitis B virus core protein

<400>1

Gln Leu Phe His Leu Cys Leu Ile Ile Ser Cys Ser Cys Pro Thr Val
5 10 15

Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp Gly Met Asp Ile Asp
20 25 30

Pro Tyr Lys Glu Phe Gly Ala Ser Val Glu Leu Leu Ser Phe Leu Pro
35 40 45

Ser Asp Phe Phe Pro Ser Ile Arg Asp Leu Leu Asp Thr Ala Ser Ala
50 55 60

Leu Tyr Arg Glu Ala Leu Glu Ser Pro Glu His Cys Ser Pro His His
65 70 75 80

Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu Met Asn Leu
85 90 95

Ala Thr Trp Val Gly Ser Asn Leu Glu Asp Pro Ala Ser Arg Glu Leu
100 105 110

Val Val Ser Tyr Val Asn Thr Asn Met Gly Leu Lys Ile Arg Gln Leu
115 120 125

Leu Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg Glu Thr Val Leu
130 135 140

Glu Tyr Leu Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr
145 150 155 160

Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr Val
165 170 175

Val Arg

<210>2

<211>20

<212>PRT

<213>hepatitis B virus

<220>

<223>part of hepatitis B virus core protein

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Gln Leu Phe His Leu Cys Leu Ile Ile Ser Cys Ser Cys Pro Thr Val

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10

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Gln Ala Ser Lys

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<211>11

<212>PRT

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<223>part of hepatitis B virus core protein

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Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg

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<211>17

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<400>4

Glu Ala Leu Glu Ser Pro Glu His Cys Ser Pro His His Thr Ala Leu

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10

15

Arg

<210>5

<211>14

<212>PRT

<213>hepatitis B virus

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<223>part of hepatitis B virus core protein

<400>5

Glu Leu Val Val Ser Tyr Val Asn Thr Asn Met Gly Leu Lys

5

10

<210>6

<211>23

<212>PRT

<213>hepatitis B virus

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<223>part of hepatitis B virus core protein

<400>6

Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu

5

10

15

Pro Glu Thr Thr Val Val Arg

20